

AMENDMENTS TO THE SPECIFICATION:

On page 5, please amend the first full paragraph as follows:

~~Figure 4~~ Figure 4a illustrates a reactor for performing partial oxidation of methanol; and methanol.

On page 5, please insert the following new paragraph after the first full paragraph:

Figure 4b illustrates a hydrogen generator and a reactor for nitrogen oxide reduction.

On page 9, please amend the last paragraph as follows:

~~Figure 4 shows~~ Figures 4a and 4b show a concrete embodiment of a reactor for performing partial oxidation of methanol and an arrangement with a reactor for nitrogen oxide reduction 48. It is in the form of a tube 30 whose inside diameter is preferably 5 to 50 mm.

On page 10, please amend the paragraph between lines 6 and 12 as follows:

In the tubular reactor, connected upstream from the main reaction stage 32, an evaporator stage 38 is located that is heated by an electrical heater 40. Instead of or in addition to this heating, a feed device 46 can be provided with which the hot product gases that are produced during partial oxidation on the

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catalyst can be supplied for example in a countercurrent on the outside wall of the reactor.

On page 10, please add the following new paragraph at line 22:

Figure 4b shows an H₂ generator which is configured to deliver gas to a reactor for nitrogen oxide reduction 48.